



"COME AND GET IT," SAYS ED FRYE, RIGHT, SERVING Big Thanksgiving dinners to a group of Y-12ers of the Health Physics and Hygiene Department. On the receiving line, from left, are R. G. Orrison, Dr. Duncan MacRae, an official visitor; E. H. Bouton and J. L. Little.



STEAM PLANT EMPLOYEES THOROUGHLY ENJOYED their Turkey Day dinner last Wednesday. At right with coffee cup in hand is W. M. Simpson, then with backs to camera are Henry Jones and Homer Baker. Lolling back with the cigar is Fred McNamara and then comes his dad, W. T. McNamara, of the General Maintenance Office. Partly shown next to W. T. McNamara is J. H. Martinez, then A. H. Norman, K. E. Nichols and H. H. Howard.



SOME ANP FOLKS STATIONED IN Y-12 ARE MIGHTY happy over their holiday feast last Wednesday. On the right side of the table from front are M. C. Edlund, Rooney Currey, J. W. Webster, Phyllis Brown, D. K. Holmes and Ted Rubin. On the left are Ann Forbes, N. M. Smith, Kit Martin, Marina Tsogorin and two unidentified visitors. In left background are Y-12 Cashier T. A. Williams and Paymaster W. K. Palmer.

More Than 900 Thanksgiving Dinners Served At Y-12 Cafeteria Last Week

More than 900 of those delicious and appetizing Thanksgiving dinners were served to appreciative Y-12ers at the plant cafeteria last Wednesday on the eve of the holiday, according to Y-12 Cafeteria Supt. George J. McNamee.

In addition to this number of persons who purchased the entire Thanksgiving feast, a large number of others took advantage of the opportunity to take individual items less than the complete dinner to make the day's patronage one of the highest in a long time.

Despite the rush, the cafeteria staff handled the situation in fine

style. Two lines were opened for the customers, who were quickly served. Then, too, the entire crew at the cafeteria pitched in, including Superintendent McNamee, to assist in serving the guests.

Behind the scenes the cafeteria staff worked hard at the task of preparing the big meal, quite a job in itself as it required assembling ingredients for considerably more items than regularly served and also greater amounts of victuals to accommodate the larger number of patrons than usually form the luncheon crowd at the dining facility.

Y-12ers Can Get Christmas Loans At Credit Union

Organization Assets Now \$60,000; Loans Out Total \$46,000

The Y-12 Employees Credit Union is continuing to flourish and now has an estimated \$60,000 in assets with approximately \$46,000 loaned out to employees, it was reported last week by officers of the organization. The credit union began functioning in July and now has about 750 share holders with investment in the organization.

Interest Rate Is Low

Don Phillips, president of the credit union, in announcing the organization is in excellent financial condition, urged Y-12ers to take advantage of the small interest rate on loans to borrow for Christmas spending. The loan interest is one per cent per month on unpaid balances, he pointed out, being much less than interest charged elsewhere or cost of usual carrying charges.

Y-12ers wishing to make loans of \$150 or less may negotiate them without endorsers, Phillips declared, and prompt action is taken on all applications by the credit union that passes on all loans. However, all borrowers must be members of the credit union, the president said, requiring purchase of one or more shares.

Office In Bldg. 9704-2

Applications for loans or membership in the credit union through purchase of shares may be obtained at the credit union office, Room 108, Bldg. 9704-2, second floor. Mrs. Lorena Causey, office manager, has the office open for this purpose from 11:30 a. m. to 1 p. m., Mondays through Fridays. She may be reached over telephone 7504 by persons wishing information on the credit union.

The credit union will issue a complete financial statement on the first six months of its operations shortly after January 1, 1951. The organization also will hold its annual election meeting in January when the entire membership will be eligible to vote on officers to serve during the coming year.

NATIONAL CARBON OLDEST

The National Carbon Division, oldest unit of Union Carbide, was founded in 1886 to produce carbon for arc lamps. It produces carbon and graphite electrodes for the electrical furnaces that make one-fourth of all the alloy steel produced in the United States.

BULLETIN, RECREATION OFFICE TELEPHONE NUMBER AGAIN CHANGED

To surmount technical difficulties in establishing a rotary attachment for telephones leading to The Y-12 Bulletin and the Y-12 Recreation Office, it was necessary to change the telephone number again last week after having been published in the new plant directory.

The new number for both The Y-12 Bulletin and the Recreation Office, Bldg. 9701-1, North Portal, now is
TELEPHONE 7753

Mark Calendar Dates For Y-12 Christmas Parties For Young, Old

Santa Claus To Visit Children Of Y-12ers At Grove Theater Tuesday, December 19; Dance-Party Planned Friday, December 8

Here's an important message to all Y-12ers—stop everything right now and draw circles around two dates on the calendar. Put big, red circles around Friday, December 8; and Tuesday, December 19.

Those are the respective dates on which all the grown-ups in the plant and youngsters of Y-12 parents will enjoy—and that is one thing for sure—enjoy—their annual Christmas parties.

These affairs in the past have been the most enjoyable of all social functions of the year for Y-12ers and the 1950 version of the parties are expected to be bigger and better in every way.

The Christmas Dance-Party for adults in Y-12 will be given on Friday night, December 8, in the ballroom of the Oak Terrace, from 9 p. m. until 1 a. m. The Christmas party for the youngsters between two and 10 years old, inclusive, is scheduled for 10:30 a. m., Tuesday, December 19, at the Grove Theater.

At the shindig for the grown-ups at the Oak Terrace, music for dancing will be provided by Johnny Baker and his orchestra. In the band are two Y-12ers and all but one member of the popular dance orchestra are Carbide employees in Oak Ridge.

In addition to the dancing there will be other forms of entertainment for the guests, now being arranged by the Y-12 Recreation Office. A handsome door prize will be awarded some lucky person attending the party.

Tickets for the Dance-Party will go on sale this week throughout Y-12 and will sell for \$1 per person. Among Y-12ers having tickets for sale and their building addresses are R. S. Phillippi and John Reece, 9212; Pat Ridge 9203; A. F. Kendig 9201-3; W. O. Watson 9706-1; Evelyn Tucker 9711-5 (Cafeteria); Ward Foster 9733-2; W. A. Burns 9711; Frank Knox 9766; Nelson Tibbatts 9739; and George Oliphant 9737. Tickets also will be on sale at the cashier's office, Bldg. 9704-2; and the Recreation Office, Bldg. 9701-1, North Portal. Any other Y-12ers wishing to sell tickets for the affair are asked to communicate with the Recreation Office, telephone 7753, and the tickets will be sent to them through plant mail.

At the party for the youngsters at Grove Theater on Tuesday, December 19, nothing will be left undone to give the small fry the time of their lives. Gifts direct from Santa Claus, movie cartoons and carol singing will be included in the program for the event.

Admission to the children's party will be by ticket only—but they are easy for Y-12 parents to obtain. On Page Two of this issue of The Y-12 Bulletin and for the following two weeks will be published an application blank to be filled out by parents. The blanks should be filled out and sent by plant mail or brought to the Recreation Office. The tickets will be mailed to the

HOLIDAY BUREAU URGES TOYS FOR NEEDY TOTS BE SENT TO FIRE HALLS

The 1950 Oak Ridge Holiday Bureau already is at work on its program to provide Christmas cheer for all families in the city. The group each year distributes food baskets, toys and clothing to needy at Christmas parties held at schools. To insure that toys be in first class shape for youngsters this year, bureau members urge that all Oak Ridgers take their contributions to the nearest fire hall where firemen will repair and renovate them as required.

home address of the parents in ample time for the party. It is urged that the applicants be filed as early as possible to expedite the mailing of the tickets.

It is absolutely necessary that the applications be at the Recreation Office not later than Friday, December 15, so that the tickets may be sent out in time.

The Recreation Office urges that unless it is absolutely necessary, that parents do not plan to attend the party with their youngsters. Wherever possible parents are asked to send smaller children to the party with older youngsters. However, of course, if this is not possible the parents are welcome; but the expected number of young guests expected at the party and the comparatively small capacity of the theater makes the arrangement necessary.

So there you are—Y-12ers—don't say you weren't informed of the goings on planned for your entertainment and your youngsters. Go back and draw those circles now—if you haven't already done so—and you fathers and mothers send those applications for tickets for the kiddies' party in right away.

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CHEMICALS DIVISION
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GEORGE W. DOBBS Editor

OFFICE

North Portal, Bldg. 9701-1
Telephone 7-8252



BAXTER-WILKERSON

Of social interest to the many friends of Miss June Wilkerson, of the Y-12 Products Processing Department, was her marriage last Friday night to Walter Baxter, of the NEPA Project of Fairchild Engine and Airplane Corp. The ceremony was performed at 6:30 p. m. at the Chapel-On-The-Hill by the Rev. Frank Porter, pastor of the First Methodist Church.

The bride is the daughter of Mr. and Mrs. J. A. Wilkerson, of Lenoir City, Tenn. Mr. and Mrs. W. H. Baxter, of North Bergen, N. J., are parents of the groom.

The bride was given in marriage by her father, Don Cowan, formerly of Y-12, played nuptial music during the ceremony.

At her wedding the bride wore a street-length lace dress with navy blue shoes and hat. Her bouquet was a nosegay of yellow rosebuds.

Mrs. Buford Winn, of Nashville, sister of the bride, was matron of honor. She wore a green faille dress with black shoes and hat and carried a nosegay of white chrysanthemums.

John Draghie, of Oak Ridge, was best man and ushers were N. T. Orlando and R. L. Hammer.

Mrs. Baxter is a graduate of Lenoir City High School and business school. The groom graduated from Pennsylvania State College.



The following Y-12 employees were patients at the Oak Ridge Hospital last week: James H. McCulley and Charles D. Woods, Buildings and Grounds; Raymond H. Young, Chemical; William J. Rollins, Field Maintenance; Kenneth L. Faulkner, Product Chemical; Alma Shaw, Isotope Research and Production.



SHOWN ABOVE IS THE POPULAR JOHNNY BAKER ORCHESTRA which will provide music for the annual Y-12 Christmas Dance-Party to be given this year at the Oak Terrace ballroom from 9 p. m. to 1 a. m. Friday night, December 8. Two Y-12ers and four other Carbide employees are members of the band. From left are George Leichsenring, of Y-12, trombone; Lew Twichell, also of Y-12, trumpet; Bill Hullings, of Oak Ridge National Laboratory and stationed in Y-12, drums; Harry Robins, K-25, bass; Jim Montgomery, K-25, tenor saxophone; and Johnny Baker, K-25, pianist and leader. The vocalist is Burrell Henry, only member of the group not employed by Carbide.

Fellow Employees Honor Bride-Elect With Crystal Shower

Miss June Wilkerson, of the Y-12 Products Processing Department, who was married last Friday night to Walter Baxter, of Fairchild Engine and Airplane Corp., was honored at a crystal shower recently by women employees of the department. The affair was given at the Oak Ridge Golf and Country Club.

Hostesses for the shower were Garnette Adams, Opal Blackwell and Elizabeth Harris.

Among the guests were Corrine Pelzer, Frances Ford, Lucy Townsend, Elizabeth Johnson, Mary Anderson, Evelyn Lawson, Marjean Conover and Grace Boyd.

Librarians Set Security Address

The importance of security censorship and proper clearances for the success of the atomic energy program will be explained by Lionel F. Schwan, of the Atomic Energy Commission Security Division, at a meeting of the Oak Ridge Library Association at 7:30 o'clock Thursday night, November 30. The meeting will be held in the lounge of the Red Cross building on the Turnpike.

Phyllis Finneran, of Y-12, is president of the association, and has announced that the public is invited to attend the meeting.



Whatever became of Mule Train? . . . The old hybrid would have done much to solve the transportation question caused by the blizzard (and don't anybody tell you it wasn't). In some of the following items it is related that folks are planning to go places this week. Well, maybe, if they are hardy souls. However, judging from the number of Y-12ers at the U-T and Ky. game Saturday it takes a lot to stall them.

Bill Ward, of the Materials Chemistry Division, and his wife, Louise, are vacationing in Florida this week . . . Don Kuhn and his family vacationed in Corbin, Ky., last week. . . Al Palko is sporting a new Buick around town. . . K. O. Johnson and his family spent a recent week end in Jamestown, Tenn. . . The department wishes Dr. W. M. Leaders success in his new job in St. Louis, Mo. . . This department extends get-well wishes to C. C. Haws . . . The department welcomes their visiting consultant, Dr. D. G. Hill this

week. Dorothy Conner, of Plant Records, spent Thanksgiving with her mother in Chattanooga, Tenn.

Jodie Brown, of the Medical Department, spent a week of vacation at her home in Viola, Tenn. . . Lillie Cobble, and her husband, Ernest, of Buildings and Grounds, spent Thanksgiving with the folks in Greeneville, Tenn.

Ken Talbott, of the Analytical Chemistry Division, is back after a week's vacation spent at home in Maryville, Tenn. . . Bill Luke-man, Virginia B. Smith and Louis Taylor attended the Tennessee-Kentucky football game in Knoxville.

C. A. McAlister, of the Laundry Department, is spending a week of vacation at home in Knoxville.

A. G. Kenerly, of Electrical Maintenance, spent a few days in Norfolk, Va., and North Carolina while on a recent week's vacation.

John Wallace has returned from a week of vacation . . . Virgil Lovett spent a week of vacation in Kentucky. . . H. G. Bingham is spending two weeks of vacation in Florida. . . J. C. Ezell plans to go deer hunting down around Tellico while on a week of vacation.

Al Southern, of the Stable Isotope Division, plans to do some hunting and fishing while vacationing in Gatlinburg this week. . . Harris Dunn spent a week of vacation in Franklin, Ky. . . George Werner is vacationing at home in Oak Ridge this week. . . L. O. Gilpatrick is back after a week of vacation. . . W. C. Davis and his family visited relatives in Dayton, Ohio, while on vacation last week.

Abb Monger, of the General Maintenance Offices, is on the vacation list this week. . . Helen Sisson had her brother, Howard Freeman, and his friend, Ray Lane, from Detroit, Mich., as guests for Thanksgiving.

D. H. Treece, of Cafeteria, is vacationing for two weeks at home in Morristown, Tenn.

J. H. Rohland, of the Stores Department, spent a week of vacation resting up at home in Oak



MRS. JAMES HAROLD Greene, pictured above, before her marriage on November 18 at Clinton, was Miss Nannie Elizabeth Dossett, of the Y-12 Plant Records Department. Greene is with the Oak Ridge National Laboratory.

Ridge . . . C. H. Walker spent two weeks' vacation at home in Hardin Valley. . . The department extends get-well wishes to J. R. Bayless. . . Emma Puckett has as guests her brother, J. L. Puckett, his wife and daughter; and her sister, Sibyl Puckett, and Louise Hower.

J. H. Talley, of Receiving and Shipping, spent last week vacationing in Russellville, Tenn.

Irene Turner, of Manufacturing Office, and her husband spent Thanksgiving at Lake Junaluska, N. C.

Roscoe Angel, of the Property Department, is planning to go on hunting while on vacation at home in Oakdale this week.

C. M. West, of Health Physics and Hygiene, vacationed last week at home in Oak Ridge. . . Rudy Pletz spent last week's vacation at his home in Missouri. . . E. C. Long and his sister, Frances Sachs, of the Plant Records Department, have as guest their sister, Marian Long, from Baltimore, Md.

George Oliphant, of Plant Engineering, plans to participate in the deer hunting sport while vacationing this week.

Katie Williams, of Uranium Control and Computing, has returned from a recent week of vacation at her home in Maynardville. . . E. W. Bailey is vacationing at home in Oak Ridge this week.

Pat J. Ridge, of the Assay Laboratory, spent two weeks of vacation at his home in Minnesota.

Well, brrrrr, brrrrr until next week.

Application For Tickets

To
Christmas Party For Children Of Y-12 Employees
Two To Ten Years Old, Inclusive

EMPLOYEE'S NAME _____ BADGE NO. _____

HOME ADDRESS _____

NUMBER OF TICKETS NEEDED, including parents. _____

—Children's Names—

1. _____ 2. _____ 3. _____

4. _____ 5. _____ 6. _____

Please return this form, properly filled out, immediately to the Y-12 Recreation Office, North Portal. Required number of tickets will be mailed to parents at their HOME ADDRESS.



QUITE PRETTY—EH? THIS snappy drum majorette is Miss Marilyn Myers, 16, daughter of Mona Myers, of the Y-12 Product Chemical Department. She is one of four that perform with the Jefferson Junior High School band. It is Marilyn's first year at the post. She is in the ninth grade.

Y-12ers Ready For Basketball Season To Open

Basketball players of Y-12 are eagerly awaiting the opening whistle of the season with two varsity teams and at least two Class B teams poised for action. The Oak Ridge City League season in which the varsity men and women are entered is scheduled to begin play Monday night, December 11, and it is expected that the opening night's schedule will be ready to announce in The Bulletin next week.

Meanwhile word is being awaited from Oak Ridge National Laboratory authorities on the proposition of forming an inter-plant league of Class B teams. The Guards and Speckled Birds of Y-12 already are organized and practicing and it is probable that Bldg. 9212 will have a team ready to enter the inter-plant loop, if it is formed.

If the Class B Y-12 teams do not play in this loop they may enter the Oak Ridge Recreation League.

Four more practice sessions are set at the Jefferson gymnasium for the varsity cagers before the season opens.

The practice sessions follow:

Wednesday, Nov. 29, 7:30 p. m.

Monday, Dec. 4, 7:30 p. m.

Wednesday, Dec. 6, 6 p. m.

Friday, Dec. 8, 9 p. m.

TV Sets In Homes Of U. S. Increasing, Survey Determines

The Psychological Barometer, conducted by the Psychological Corporation, of New York, has revealed that its poll in May of this year has shown that 18.4 per cent of the nation's homes now have television sets. The figures were obtained in 10,000 home interviews made in May. This figure represents an increase of 5.3 per cent over the 13.1 per cent noted in the February, 1950, Barometer, the report said.

Projected to total United States urban households, this means that 4,784,000 urban homes had television sets as of the first part of May, 1950. This projection is based on the latest United States census estimates of 26,000,000 urban households.

Of great importance is the great increase in set ownership registered in low income homes. In the past year set ownership among the lowest income group has more than quadrupled and by contrast ownership in top income groups has less than doubled. The May report shows that 54 per cent of the homes with television sets are in the lowest 60 per cent of households socio-economically.

Cobble and Gragg Lead Y-12 Keglers To Another Victory

Ernie Cobble and Frank Gragg had a race to see who would lead their fellow Y-12 varsity bowlers in the four-point victory gained by the team over Maxon's in the November 20 bowling session of the Oak Ridge City League. The victory enabled the Y-12 keglers to hold their lead in the league by a good margin.

Cobble fired 186, 179, 183—548 for top score of the team and Gragg was close behind with 184, 199, 160—543. Then came Elmore Koons 141, 184, 184—509; Walt Sherrod 117, 151, 194—462; and Conrad Roberts 145, 169, 136—450. The Y-12 team scores were 773, 882, 857—2,512 to 694, 788, 848—2,330 for the construction lads.

It's surprising when one realizes that he may attain great heights by simply remaining on the level.

SPORTS NEWS IN Y-12



SHORTLY AFTER THE HORNETS, OF THE C LEAGUE, STUNG THE HOOKS FOR THREE points the victors went even further and strangled their opponents, as shown above. The team in back is the Hornets and from left they are Dick Brothers, John Kennedy, Graydon Whitman, Joe Walton and Carl Frazier. The luckless Hooks are Richard Rienhardt, V. W. Arms, Bill Mason, Don Matlock and E. B. Galloway.

Angstrom's Advance Feature In D Loop

Although the Strikers increased their lead in the D League last week, the top news in the circuit was the abrupt and explosive rise of the Angstroms from last place all the way up to fifth in the loop standings. The Angstroms made their advance at the expense of the Pick Ups with a three-point victory while the Strikers were socking the Toppers for a similar win and the Old Men whitewashed the Cermets. The other loop clash saw the Splinters walloping the Isotopes for three points.

Strikers 12 Points Ahead

When the pins stopped falling the Cermets, Pick Ups and Toppers found themselves in a triple tie for last place in the league and the Strikers 12 points ahead of the Isotopes, in second place. The Splinters and Old Men brought up the next two places.

Graydon Whitman was the ball of fire in the Strikers' victory. His single game score of 225 scratch tied the season's high record in the league. He went on to post a 253 handicap single game for best of the night. Whitman's 567 scratch series was third highest of the season and with the 651 handicap series also led the scorers for the night.

Although beaten by the Strikers, the Toppers had the best single team scores of the season and second high for the season with 859 scratch and 1,065 with handicap. The league leaders posted a 2,508 scratch series and 2,895 handicap triplet to lead the loop for the night.

League standing follows:

Team	W	L	Team	W	L
Strikers	40	8	Angstroms	19	29
Isotopes	28	20	Cermets	18	30
Splinters	26	22	Toppers	18	30
Old Men	25	23	Pick Ups	18	30

UCC TOPS MANY FIELDS

Units and Divisions of Union Carbide and Carbon Corporation now separate and combine nearly one-half of the many elements of the earth. In addition UCC produces the world's hottest flame, oxy-acetylene; the coldest commercial substance in the world, liquid nitrogen; and the most intense man-made light, the high-intensity carbon arc.

HOLIDAY BREAKS STRING OF Y-12 WOMEN BOWLERS OF TWO-ONE VICTORIES

It took the Thanksgiving holiday to break that string of 10 straight two-to-one victories scored by the Y-12 women's varsity bowling team over Oak Ridge City League foes so far this season. The league postponed bowling last week because of the holiday but will resume hostilities tomorrow night with the Y-12 lassies hoping to change their winning ways by increasing the margin of victory to a three-game whitewash win over their enemies of the evening.

Kemps Oust Woes From First Place In Women's Loop

After a long uphill chase the Kemps finally took over first place in the W League of women plant bowlers last week, ousting the Woes which had been on top for the past several weeks. The Kemps cracked the Cracker Jax for two out of three games to go on top while the Hi Balls were drenching the Woes under a three-point whitewash.

In other league engagements the Controllers climbed to a tie for third place by beating the Dodgers a pair of games while losing one and the Strickettes gained three games in the won column when the Racqueteers were unable to field a team.

The Kemps took all of the team scoring honors with a 680 scratch game, 929 handicap game, 1,926 scratch series, boosted to 2,698 with handicap.

Individual scoring was well distributed. Mavis Koons, of the Kemps, helped her team to the lead with a 165 scratch single game, increased to 212 with handicap. Olyne Kappelmann had the best scratch series of the night with 432. Evelyn "Fiz" Tucker, of the Kemps, and Katie Williams, Controllers, tied for the best handicap series with 570.

League standing follows:

Team	W	L	Team	W	L
Kemps	23	13	Dodgers	18	18
Woes	22	14	Hi Balls	18	18
Cracker Jax	19	17	Strickettes	12	23
Controllers	19	17	Racqueteers	12	24

Trailing Teams Win In C Loop Bowling

Play in the C League of plant bowlers last week was marked by an uprising of the trailing teams, Guards and Hornets. The boys in blue put the Hurricanes right under the jail house with a whitewash victory of four points and the Hornets burrowed underground to sting the Moles for three points. The top spot Orphans had to be content with an even split with the Thin Pins and lost some ground to the Hooks, who took three from the Short Circuits.

Harold Ratjen, the "Mighty Mite" of the Thin Pins, walked away with individual scoring honors. His 210 high scratch game aided him to set a seasonal high 572 scratch series. He increased his single game to 240 handicap and went on to roll a 662 handicap series.

The Guards hogged team honors with a 804 scratch game, 1,014 handicap game, 2,267 scratch series.

League standing follows:

Team	W	L	Team	W	L
Orphans	35	13	Short Circuits	22	26
Hooks	29	19	Thin Pins	20	28
Hurricanes	25	23	Guards	20	28
Moles	23	25	Hornets	19	30

B League Of Plant Keglers Open Second Round Thursday

Resting up after their hectic first round of the season play and also taking time out because of the Thanksgiving holiday, keglers in the B League of plant bowlers did not get in their usual alley activities last week. The league will open second round play tomorrow night, Thursday, November 30.

The Rippers took first round honors in a sizzling finish that saw them overcome the Wolves on the final night of play and capture the lead by one small point. It was one of the closest races ever staged in a Y-12 plant league.

UCC INVESTMENTS HEAVY

Since V-J Day Union Carbide and Carbon Corporation has invested \$280,000,000 in new plants. Since its incorporation in 1917 there has not been a year in which UCC has not been building a new plant.

Chemical Engineers Reset Election For December 7

The Knoxville-Oak Ridge Section of the American Institute of Chemical Engineers will hold its annual election of officers on Thursday night, December 7, it has been announced by officers of the group. The election originally was scheduled for November 14, but was postponed.

The December 7 meeting will be held at the Oak Ridge Junior Chamber of Commerce hall on the Oak Ridge Turnpike. In addition to the election an address will be given by E. V. Murphree, vice president of the Standard Oil Development Co.

H. M. McLeod, of Y-12; and C. E. Winters, of Oak Ridge National Laboratory now stationed in Y-12; are on the nominating committee of the section and will submit a slate of officers for 1951 at the December 7 session. The membership will elect a chairman - elect, secretary, assistant secretary, treasurer and two directors.

A. Carlton Jealous, of ORNL and a former Y-12er, now is chairman of the section.

Susano Named Vice Chairman Of Analytical Chemists Group

C. D. Susano, of the Y-12 Analytical Chemistry Division, was elected vice chairman of the Analytical Chemistry Group of the East Tennessee Section of the American Chemical Society, at a meeting of the group on Monday night, November 20. Dr. M. T. Kelley, of the Oak Ridge National Laboratory, was elected chairman of the organization.

Dr. Kelley succeeds Dr. Charles R. Barton, of Y-12, who helped organize the group about a year ago. Other officers named include Frances Ball, of K-25, secretary-treasurer. The new officers will take their posts January 1.

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Four Main Traits Of Humanity Threaten Security Of Atomic Energy Restricted Data

It is seldom that restricted data on vital information concerning military secrets—including knowledge on atomic weapons or other military uses of atomic energy—gets into the hands of spies through the deliberate intent of the person who divulged the information.

Now and then some supposedly "solid citizen" turns up with a desire to give the "opposing team" our plays and signals—but, for the most part, it is the average patriotic employee who sometimes carelessly and unwittingly conveys to spies the information they want to know.

"Average" Employee Target

That's why the average employee—office workers, filing clerks and laboratory personnel—create in themselves a target for activities of espionage agents.

Classified information can get into unauthorized channels through several methods. Talking to the wrong people about the wrong thing at the wrong time is probably one of the most common.

Apparently there are four main tongue-looseners. They are (1)

1. DESIRE FOR RECOGNITION
2. FAITH
3. ENTHUSIASM
4. IGNORANCE



Desire for Recognition (2) Faith (3) Enthusiasm and (4) Ignorance.

Under No. 1 it is noted that feminine wiles or even the presence of an attractive woman can usually provoke an average male to unlimited conversation with an outstanding tendency to brag about his knowledge. Such as:

"You know, my dear, I know quite a lot about this atomic energy stuff" . . . blah, blah, ad infinitum . . .

"Pop-Off" Poor Risk

If the object of these verbal barrages is a good, loyal citizen, she probably will be impressed by what a poor security risk is the "pop-off." If she is a "Mati Hari" she will gloat over what an "easy mark" she has caught.

In Classification No. 2 it can be said that Faith is a wonderful quality—but can be carried too far. It doesn't pay, for instance, to assume that all fellowmen are trustworthy. However, it doesn't mean that everyone should be eyed suspiciously, but it should not be always believed that the loudly patriotic person is as patriotic as he seems. No matter how good a judge of character you may believe you are—don't gamble on national security merely on the soundness of that judgment. The best course is simple—keep classified information out of all off-the-job discussions with anyone—including your family and close relatives.

YOU and YOU and YOU!



Enthusiasm Fine—But Dangerous

The third point, Enthusiasm, can be a prime cause of information leakage. A clever spy can pump an over-enthusiastic person with vital information dry in short order. The spy can pretend not to believe some commonly known fact or may make a deliberate false statement to draw out the unsuspecting victim and start him talking about his work. Pride and enthusiasm over good work done are fine qualities for anyone—but don't let them be a weak spot.

In dealing with Item No. 4, Ignorance, the term is not applied to mean mental dullness—although that can be a threat to security. Mainly, it is the ignorance of the importance of security and of the various procedures and safeguards which are a part of the Y-12 security program. No employee can do the best possible job of protecting classified information if he does not have a good knowledge of specific procedures covering specific jobs and also believe in the necessity of making the procedures a part of the daily work routine.

Remember—Ignorance may be bliss—to some alert spy.

Dr. Lind, Thornton Absent; 'Headlines' Program Reset

Because Dr. S. C. Lind and C. D. W. Thornton, principals in the scheduled November 26 Headlines in Chemistry radio program, were called out of the city and forced to postpone their appearance, the East Tennessee Section of the American Chemical Society, sponsors of the program, have announced the same subject and principals will appear over WATO Sunday night, December 3. The program is aired from 9:15 to 9:30 p. m.

Topic of the discussion on the program will be "Radiation Effects—A New Challenge to Chemists." Dr. Lind, a Carbide consultant and former president of the ACS, will be interviewed by Thornton, of the Atomic Energy Commission.

Chicken Bones Fatal For Many Dogs

Dogs should never be given chicken bones, declares Cosmopolitan Magazine. It quotes veterinarians as saying that succulent chicken bones probably kill more dogs every year than automobiles, despite warnings to dog lovers not to feed their pets this morsel. When the dog crushes the chicken bone in his mouth it is broken into splinters that are likely to perforate the intestines, killing the animal.

'All Present' Cited By Stores Department

The Stores Department in the Major League not only retained its first place position in attendance standings for the week ending November 19, but turned in a perfect attendance record for the period. In all, nine departments, eight in the Minor League, reported all employees present during that week as against only seven the previous week.

Two newcomers to the top brackets in the Major League, Analytical Laboratory and Maintenance Shops, took over second and third places in the standings. The Laboratory reported 1.8 per cent of its personnel absent and the Shops 2.2 per cent. They advanced from fifth and eighth places held the preceding week.

Four departments in the Minor League repeated perfect attendance records from the week ending November 12. They were Property, Manufacturing Office, Transportation, and Receiving and Shipping. Advancing to join this group for the week ending November 19 were Plant Engineering, Steam Plant, Property Sales and Medical. They rose from second, fourth, fifth and 13th positions held the preceding week.

In the Minor League second place was held by the Cafeteria with an absentee mark of .7 per cent. Third place went to Health Physics and Hygiene with 1.1 per cent of its personnel absent. The Cafeteria was in a first-place tie during the week ending November 12 while Health Physics and Hygiene was in seventh position.

The plant-wide absentee mark for the week ending November 19 advanced .1 per cent over the preceding week, being 2.7 per cent for the latest reporting period. The record, by departments, follows:

MAJOR LEAGUE			
Dept.	More Than 50 Employees Scheduled	Percentage Absent	Standing
2142	0.0	1	1
2282	1.08	2	5
2003	2.2	3	8
2616	2.5	4	3
2091	2.7	5	6
2619	3.1	6	10
2283	3.3	7	2
2015	3.35	8	4
2077	3.38	9	7
2014	3.5	10	9

Group absentee percentage was 2.7 per cent, .1 per cent lower than the preceding week.

MINOR LEAGUE			
Dept.	15-49 Employees Scheduled	Percentage Absent	Standing
2140	0.0	1	1
2143	0.0	1	1
2008	0.0	1	1
2133	0.0	1	1
2060	0.0	1	2
2743	0.0	1	4
2145	0.0	1	5
2090	0.0	1	13
2107	0.7	2	1
2108	1.1	3	7
2054	2.4	4	1
2200	2.9	5	8
2001	3.5	6	6
2096	3.96	7	1
2109	4.00	8	3
2005	4.8	9	12
2046	5.6	10	10
2739	6.3	11	9
2018	9.4	12	14
2002	9.5	13	11

Group absentee percentage was 2.9 per cent, .5 per cent higher than the preceding week.

The plant average for the week ending November 19 was 2.7 per cent, .1 per cent higher than the preceding week.

Some Y-12ers May Attend Ceramic Society Meeting

Some Y-12 members of the Tennessee Valley Section of the American Ceramic Society are planning to attend the second anniversary meeting of the group set for Chattanooga Friday, December 1. Headquarters for the meeting will be in the Read House and the program includes four technical addresses, a social hour, dinner and business meeting, when officers for the coming year will be named. A trip through the duPont nylon plant also is scheduled.

M. A. Schwartz, of the NEPA Division of Fairchild Engine and Airplane Corp., is secretary of the organization.

U.S. Savings Bonds Are 'Good Medicine' All During Year



"Good Medicine" all the year around—that's what United States Savings Bonds can be to the pocketbooks of consistent savers and thrifty persons in Y-12.

These well-known and gilded securities offered by and backed by the United States of America are an investment in national security—for money obtained by the nation in this manner from its citizens is used to finance defense operations of the country.

For the individual United States Savings Bonds provides another way to cultivate a wise and prudent attitude toward money and means of accumulating a substantial savings account. The bonds mature in ten years with a "four for three" return for the investor.

United States Savings Bonds may be bought by Y-12ers through payroll deductions. Every timekeeper in the plant has cards for payroll allotment authorization for purchase of United States Savings Bonds and can explain all details as to amounts of deduction and delivery of bonds when they are paid for.

AEP Registration Set December 11-12; Requests Solicited

Y-12ers interested in enrolling in both university credit courses and certificate classes conducted under auspices of the Oak Ridge Adult Education Program are reminded that registration for the winter term will be held December 11 and 12. Pupils may enroll at the Adult Education Program headquarters at the high school. Registration also will be held on January 2, 1951, and classes will begin January 3 and 4.

The Adult Education Program has urged Y-12ers who want specific courses offered to fill out the blank at the bottom of this page and mail it to Roy M. James,

Selection Of Awards Progressing Rapidly

Eligible Y-12ers last week rapidly were making their selections of individual safety awards to be presented by the Company for establishing the third period of 1,500,000 man hours worked without a disabling accident. Representatives of the Safety Department estimated late last week that about 60 per cent of the plant personnel already have viewed the seven articles offered for safety awards and received award selection cards on which to make known their choice and by the end of this week practically the entire plant would have been covered.

Articles Put On Display

Every eligible employee will be given an opportunity to view the articles from which to choose before making a choice. Although it is desired to give everyone ample time to make a decision, it is pointed out that early return of the selection cards will enable the awards to be obtained and distributed that much earlier.

Seven handy and attractive articles are being offered for awards. They are (1) set of four colored aluminum tumblers (2) Pyrex double boiler (3) lunch box with vacuum bottle (4) Phantom raincoat for men (5) Phantom raincoat for women (6) wall-attached can opener and (7) cooky and pastry set. Employees choosing the raincoats are urged to note that they come in small, medium and large sizes and to signify what size is desired.

The latest and third period of 1,500,000 hours worked without a disabling accident in Y-12 began January 19 and by July 12, when a lost time mishap broke the record, a total of 1,645,228 accident-free hours of operation had passed. For each such period worked the Company presents individual awards to eligible employees and a citation to the plant.

Physics Seminar To Resume Meetings Friday Afternoon

After recessing over the Thanksgiving holidays, the Oak Ridge Physics Seminar will resume meetings at 4 o'clock Friday afternoon, December 1. The meeting will be held in the East Lounge of the Ridge Recreation Hall.

Ralph Zirkind, of the Oak Ridge National Laboratory, will speak at the session Friday. His topic will be "Origin of Cosmic Rays." Y-12 employees interested in the subject are invited to attend.

Room 92, Bldg. 9704-2. This is requested because a minimum of 15 pupils is required to instal any course not offered in the regular courses.

Complete information on the Adult Education Program classes may be obtained from James, of the Y-12 Training Department, or from the AEP office, telephone Oak Ridge 5-2889.

Name

Dept. Bldg. No. Tel. No.

Course preferred: 1st choice 2nd

3rd

Note: Mail this coupon to Roy M. James, Room 92, Bldg.

9704-2

If additional information is needed, telephone 7716